AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently amended) An active matrix substrate comprising:

switching elements disposed in a shape of a matrix;

gate signal lines controlling the switching elements;

source signal lines connected to the switching elements and formed orthogonal to the gate signal lines;

an interlayer insulating film formed on the switching elements, the gate signal lines, and the source signal lines; and

pixel electrodes formed over at least the interlayer insulating film and in electrical communication with respective switching elements through contact holes defined in the interlayer insulating film,

wherein the pixel electrodes are comprised of a photosensitive conductive material including at least one coloring agent so that at least some of the pixel electrodes function as both pixel electrodes and color filters,

wherein the photosensitive conductive material of the pixel electrodes has negative type photosensitivity so that only exposed portions thereof remain, and wherein the gate signals lines and the source signal lines are used as masks during exposure of the negative type photosensitive conductive material of the pixel electrodes from a back side

of the substrate so that an array of pixels of the substrate have substantially uniform parasitic capacitance between pixel electrodes and signal lines.

2. (Original) The active matrix substrate as defined in claim 1, wherein the photosensitive conductive material is transparent.

3. (Canceled)

4. (Original) The active matrix substrate as defined in claim 1, wherein the photosensitive conductive material is made from photosensitive resin and conductive particles dispersed in the photosensitive resin.

5. (Original) The active matrix substrate as defined in claim 4, wherein the conductive particles are either indium tin oxide, antimony tin oxide, or zinc oxide.

6. (Canceled)

7. (Original) A flat panel display device having the active matrix substrate as defined in claim 1.

8. (Original) A flat panel image sensing device having the active matrix substrate as defined in claim 1.

9. (Currently amended) A liquid crystal display comprising:

a substrate supporting a plurality of signal ~~address~~ lines in communication with a switching element;

a pixel electrode in electrical communication with the switching element, wherein the pixel electrode is for applying voltage across a liquid crystal layer; and

wherein the pixel electrode comprises a photosensitive conductive material and at least one coloring agent so that the pixel electrode functions as both a pixel electrode and a color filter, and wherein the pixel electrode is photo-patternable due to its photosensitive nature,

wherein the photosensitive conductive material of the pixel electrode has negative type photosensitivity so that only exposed portions thereof remain, and wherein the signal lines are used as masks during exposure of negative type photosensitive conductive material of a plurality of pixel electrodes from a back side of the substrate so that an array of pixels of the display have substantially uniform parasitic capacitance between pixel electrodes and signal lines.

10-18. (Canceled)

19. (New) An active matrix substrate comprising:

switching elements disposed in a shape of a matrix;

gate signal lines controlling the switching elements;

source signal lines connected to the switching elements and formed orthogonal to the gate signal lines;

an interlayer insulating film formed over at least the switching elements, the gate signal lines, and the source signal lines; and

pixel electrodes formed over at least the interlayer insulating film and in electrical communication with respective switching elements through contact holes defined in the interlayer insulating film,

wherein the pixel electrodes are comprised of a photosensitive conductive material,

wherein the photosensitive conductive material of the pixel electrodes has negative type photosensitivity so that only exposed portions thereof remain, and wherein the gate signals lines and the source signal lines are used as masks during exposure of the negative type photosensitive conductive material of the pixel electrodes from a back side of the substrate so that an array of pixels of the substrate have substantially uniform parasitic capacitance between pixel electrodes and signal lines.

20. (New) The active matrix substrate as defined in claim 19, wherein the photosensitive conductive material is transparent.

21. (New) The active matrix substrate as defined in claim 19, wherein the photosensitive conductive material is made from photosensitive resin and conductive particles dispersed in the photosensitive resin.